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10747734_CLS
Most Frequently Occurring Classifications of Patents Returned
From A Search of 10747734 on November 12, 2004

Original Classifications

20	370/335
9	370/331
8	370/329
7	370/338
7	370/349
5	370/328
5	370/342
5	455/450
5	455/69
4	370/252
4	370/337
4	455/437
4	455/456.2
4	455/522
4	455/63.1
3	342/457
3	370/310
3	370/465
3	455/423
3	455/442
3	455/458
3	455/560
3	455/562.1
3	455/67.13
2	370/216
2	370/310.2
2	370/315
2	370/318
2	370/320
2	370/332
2	370/347
2	370/348
2	370/350
2	370/441
2	370/458
2	370/468
2	375/130
2	375/132
2	375/340
2	375/347
2	455/12.1
2	455/414.1
2	455/419

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2 455/422.1
2 455/424
2 455/426.1
2 455/427
2 455/432.1
2 455/434
2 455/446
2 455/512
2 455/555
2 455/557
2 455/574
2 455/67.11
2 714/752
2 714/774
2 725/106

Cross-Reference Classifications

24 370/342
16 370/468
15 455/522
14 455/436
14 455/450
10 370/335
10 370/337
10 455/561
8 370/331
8 370/347
8 455/509
8 455/517
8 455/69
7 370/350
7 370/401
7 455/466
6 370/328
6 370/338
6 370/442
6 455/442
6 455/445
5 370/252
5 370/329
5 455/422.1
5 455/426.1
5 455/433
5 455/452.2
5 455/562.1
4 340/825.49
4 370/352
4 370/392

4 370/441
4 370/443
4 370/458
4 370/469
4 375/148
4 455/430
4 455/439
4 455/456.1
4 455/461
4 455/553.1
4 455/560
4 455/67.11
4 455/67.13
3 342/450
3 370/230
3 370/254
3 370/311
3 370/320
3 370/333
3 370/349
3 370/394
3 370/412
3 370/437
3 370/447
3 370/448
3 370/465
3 370/479
3 370/503
3 370/522
3 375/133
3 375/150
3 375/222
3 375/346
3 375/349
3 455/137
3 455/273
3 455/276.1
3 455/423
3 455/427
3 455/432.1
3 455/434
3 455/435.1
3 455/447
3 455/455
3 455/456.5
3 455/458
3 455/462
3 455/554.1

3 455/557
 3 455/62
 3 455/63.1
 3 455/65
 3 455/70
 2 330/124R
 2 330/149
 2 330/151
 2 340/7.34
 2 340/825.52
 2 342/358
 2 342/457
 2 342/463
 2 370/280
 2 370/310
 2 370/321
 2 370/330
 2 370/332
 2 370/341
 2 370/345
 2 370/395.1
 2 370/395.31
 2 370/397
 2 370/445
 2 370/462
 2 370/463
 2 370/470
 2 370/477
 2 370/486
 2 375/130
 2 375/144
 2 375/146
 2 375/149
 2 375/231
 2 375/232
 2 375/267
 2 375/295
 2 375/298
 2 375/345
 2 375/347
 2 375/348
 2 375/356
 2 375/365
 2 398/118
 2 455/101
 2 455/103
 2 455/13.1
 2 455/277.1

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2 455/279.1
2 455/3.01
2 455/411
2 455/417
2 455/424
2 455/426.2
2 455/440
2 455/443
2 455/446
2 455/452.1
2 455/453
2 455/506
2 455/511
2 455/512
2 455/515
2 455/518
2 455/524
2 455/525
2 455/552.1
2 455/566
2 455/63.2
2 455/67.7
2 708/323
2 714/751
2 714/761
2 714/786
2 725/123
2 725/126

Combined Classifications

30 370/335
29 370/342
19 455/450
19 455/522
18 370/468
17 370/331
15 455/436
14 370/337
13 370/329
13 370/338
13 455/69
11 370/328
11 455/561
10 370/347
10 370/349
9 370/252
9 370/350
9 455/442

9 455/517
8 370/401
8 455/466
8 455/509
8 455/562.1
7 455/422.1
7 455/426.1
7 455/445
7 455/560
7 455/63.1
7 455/67.13
6 370/441
6 370/442
6 370/458
6 370/465
6 455/423
6 455/433
6 455/452.2
6 455/458
6 455/67.11
5 342/457
5 370/310
5 370/320
5 370/352
5 370/443
5 370/469
5 375/148
5 455/427
5 455/432.1
5 455/434
5 455/437
5 455/461
5 455/557
4 340/825.49
4 370/230
4 370/311
4 370/332
4 370/392
4 370/437
4 370/522
4 375/130
4 375/347
4 455/276.1
4 455/424
4 455/430
4 455/439
4 455/446
4 455/447

4 455/456.1
4 455/456.2
4 455/456.5
4 455/512
4 455/553.1
3 330/149
3 330/151
3 342/450
3 370/254
3 370/318
3 370/321
3 370/333
3 370/394
3 370/395.1
3 370/412
3 370/445
3 370/447
3 370/448
3 370/479
3 370/503
3 375/132
3 375/133
3 375/150
3 375/222
3 375/232
3 375/346
3 375/349
3 375/356
3 455/12.1
3 455/13.1
3 455/137
3 455/273
3 455/414.1
3 455/435.1
3 455/443
3 455/452.1
3 455/453
3 455/455
3 455/462
3 455/515
3 455/552.1
3 455/554.1
3 455/574
3 455/62
3 455/65
3 455/70
3 714/752
3 714/786

3 725/106
2 330/124R
2 330/52
2 340/7.27
2 340/7.34
2 340/825.52
2 342/358
2 342/373
2 342/463
2 370/209
2 370/216
2 370/236
2 370/280
2 370/310.1
2 370/310.2
2 370/312
2 370/315
2 370/330
2 370/334
2 370/341
2 370/345
2 370/346
2 370/348
2 370/353
2 370/389
2 370/395.31
2 370/397
2 370/404
2 370/432
2 370/438
2 370/462
2 370/463
2 370/470
2 370/473
2 370/477
2 370/486
2 375/144
2 375/146
2 375/149
2 375/231
2 375/233
2 375/261
2 375/267
2 375/295
2 375/298
2 375/340
2 375/341
2 375/345

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2 375/348
2 375/365
2 375/367
2 380/247
2 398/118
2 455/101
2 455/103
2 455/126
2 455/277.1
2 455/279.1
2 455/3.01
2 455/411
2 455/412.1
2 455/417
2 455/419
2 455/425
2 455/426.2
2 455/428
2 455/429
2 455/438
2 455/440
2 455/444
2 455/502
2 455/506
2 455/511
2 455/518
2 455/524
2 455/525
2 455/554.2
2 455/555
2 455/566
2 455/63.2
2 455/67.7
2 708/323
2 709/228
2 714/704
2 714/748
2 714/751
2 714/761
2 714/774
2 725/123
2 725/126

Titles of Most Frequently Occurring Classifications of Patents Returned

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30  370/335      (20 OR, 10 XR)
      Class      370 : MULTIPLEX COMMUNICATIONS
      370/310     COMMUNICATION OVER FREE SPACE
      370/328     .Having a plurality of contiguous regions
                   served by respective fixed stations.
      370/329     ..Channel assignment
      370/335     ...Combining or distributing information via
                   code word channels using multiple access te
chniques (e.g.,
                   CDMA)

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29  370/342      (5 OR, 24 XR)
      Class 370 : MULTIPLEX COMMUNICATIONS
      370/310    COMMUNICATION OVER FREE SPACE
      370/342    .Combining or distributing information via cod
e
                        word channels using multiple access techniq
ues (e.g., CDMA)

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19 455/522 (4 OR, 15 XR)
 Class 455 : TELECOMMUNICATIONS
 455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

 455/500 .Plural transmitters or receivers (i.e., more
 than two stations)

 455/507 ..Central station (e.g., master, etc.)

 455/517 ...To or from mobile station

 455/522 Transmission power control technique

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- 17 370/331 (9 OR, 8 XR)
 - Class 370 : MULTIPLEX COMMUNICATIONS
 - 370/310 COMMUNICATION OVER FREE SPACE
 - 370/328 .Having a plurality of contiguous regions
served by respective fixed stations
 - 370/329 ..Channel assignment
 - 370/331 ...Hand-off control

- 15 455/436 (1 OR, 14 XR)
 - Class 455 : TELECOMMUNICATIONS
 - 455/403 RADIOTELEPHONE SYSTEM
 - 455/422.1 .Zoned or cellular telephone system
 - 455/436 ..Handoff

- 14 370/337 (4 OR, 10 XR)
 - Class 370 : MULTIPLEX COMMUNICATIONS
 - 370/310 COMMUNICATION OVER FREE SPACE
 - 370/328 .Having a plurality of contiguous regions
served by respective fixed stations
 - 370/329 ..Channel assignment
 - 370/336 ...Combining or distributing information via
time channels
 - 370/337Multiple access (e.g., TDMA)

- 13 370/329 (8 OR, 5 XR)
 - Class 370 : MULTIPLEX COMMUNICATIONS
 - 370/310 COMMUNICATION OVER FREE SPACE
 - 370/328 .Having a plurality of contiguous regions
served by respective fixed stations
 - 370/329 ..Channel assignment

- 13 370/338 (7 OR, 6 XR)
 - Class 370 : MULTIPLEX COMMUNICATIONS
 - 370/310 COMMUNICATION OVER FREE SPACE
 - 370/328 .Having a plurality of contiguous regions
served by respective fixed stations
 - 370/338 ..Contiguous regions interconnected by a local
area network

- 13 455/69 (5 OR, 8 XR)
 - Class 455 : TELECOMMUNICATIONS
 - 455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS
 - 455/68 .With control signal
 - 455/69 ..Transmitter controlled by signal feedback
from receiver

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- 11 370/328 (5 OR, 6 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/310 COMMUNICATION OVER FREE SPACE
 370/328 .Having a plurality of contiguous regions
 served by respective fixed stations
- 11 455/561 (1 OR, 10 XR)
 Class 455 : TELECOMMUNICATIONS
 455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.
 TRANSCEIVER)
 455/550.1 .Radiotelephone equipment detail
 455/561 ..Base station detail
- 10 370/347 (2 OR, 8 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/310 COMMUNICATION OVER FREE SPACE
 370/345 .Combining or distributing information via tim
 e
 channels
 370/347 ..Multiple access (e.g., TDMA)
- 10 370/349 (7 OR, 3 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/310 COMMUNICATION OVER FREE SPACE
 370/345 .Combining or distributing information via tim
 e
 channels
 370/349 ..Using messages having an address field as
 header
- 9 370/252 (4 OR, 5 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/241 DIAGNOSTIC TESTING (OTHER THAN SYNCHRONIZATION
)
 370/252 .Determination of communication parameters
- 9 370/350 (2 OR, 7 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/310 COMMUNICATION OVER FREE SPACE
 370/345 .Combining or distributing information via tim
 e
 channels
 370/350 ..Synchronization
- 9 455/442 (3 OR, 6 XR)
 Class 455 : TELECOMMUNICATIONS

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455/403 RADIOTELEPHONE SYSTEM

455/422.1 .Zoned or cellular telephone system

455/436 ..Handoff

455/442 ...Soft handoff

9 455/517 (1 OR, 8 XR)

Class 455 : TELECOMMUNICATIONS

455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

455/500 .Plural transmitters or receivers (i.e., more than two stations)

455/507 ..Central station (e.g., master, etc.)

455/517 ...To or from mobile station

8 370/401 (1 OR, 7 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/351 PATHFINDING OR ROUTING

370/389 .Switching a message which includes an address header

370/400 ..Having a plurality of nodes performing distributed switching

370/401 ...Bridge or gateway between networks

8 455/466 (1 OR, 7 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/466 .Auxiliary data signaling (e.g., short message service (SMS))

8 455/509 (0 OR, 8 XR)

Class 455 : TELECOMMUNICATIONS

455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

455/500 .Plural transmitters or receivers (i.e., more than two stations)

455/507 ..Central station (e.g., master, etc.)

455/509 ...Channel allocation

8 455/562.1 (3 OR, 5 XR)

Class 455 : TELECOMMUNICATIONS

455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G. TRANSCEIVER)

455/550.1 .Radiotelephone equipment detail

455/561 ..Base station detail

455/562.1 ...Having specific antenna arrangement

7 455/422.1 (2 OR, 5 XR)

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Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/422.1 .Zoned or cellular telephone system

7 455/426.1 (2 OR, 5 XR)
 Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/422.1 .Zoned or cellular telephone system
 455/426.1 ..Including other radio communication system
 (e.g., cordless telephone, paging, trunking
 , etc.)

7 455/445 (1 OR, 6 XR)
 Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/422.1 .Zoned or cellular telephone system
 455/445 ..Call routing (e.g., to prevent backhaul,
 routing efficiency, least cost, or alternat
 e routing)

7 455/560 (3 OR, 4 XR)
 Class 455 : TELECOMMUNICATIONS
 455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.
 ,
 TRANSCEIVER)
 455/550.1 .Radiotelephone equipment detail
 455/560 ..Switching unit detail (e.g., mobile telephon
 e
 switching office (MTSO), base station contr
 oller (BSC),
 etc.)

7 455/63.1 (4 OR, 3 XR)
 Class 455 : TELECOMMUNICATIONS
 455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS
 455/63.1 .Distortion, noise, or other interference
 prevention, reduction, or compensation

7 455/67.13 (3 OR, 4 XR)
 Class 455 : TELECOMMUNICATIONS
 455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS
 455/67.11 .Having measuring, testing, or monitoring of
 system or part
 455/67.13 ..Noise, distortion, or unwanted signal
 detection (e.g., quality control, etc.)

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6 370/441 (2 OR, 4 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/431 CHANNEL ASSIGNMENT TECHNIQUES
 370/441 .Combining or distributing information via cod
 e
 word channels using multiple access techniq
 ues (e.g., CDMA)

6 370/442 (0 OR, 6 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/431 CHANNEL ASSIGNMENT TECHNIQUES
 370/442 .Combining or distributing information via tim
 e
 channels using multiple access technique (e
 .g., TDMA)

6 370/458 (2 OR, 4 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/431 CHANNEL ASSIGNMENT TECHNIQUES
 370/458 .Using time slots

6 370/465 (3 OR, 3 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/464 COMMUNICATION TECHNIQUES FOR INFORMATION
 CARRIED IN PLURAL CHANNELS
 370/465 .Adaptive

6 455/423 (3 OR, 3 XR)
 Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/422.1 .Zoned or cellular telephone system
 455/423 ..Diagnostic testing, malfunction indication,
 or electrical condition measurement

6 455/433 (1 OR, 5 XR)
 Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/422.1 .Zoned or cellular telephone system
 455/432.1 ..Roaming
 455/433 ...Home location registration (HLR) or visitor
 location registration (VLR) detail

6 455/452.2 (1 OR, 5 XR)
 Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/422.1 .Zoned or cellular telephone system
 455/450 ..Channel allocation

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455/452.1 ...Dynamic allocation
455/452.2 Based on service quality (e.g., bandwidth,
 etc.)

6 455/458 (3 OR, 3 XR)
Class 455 : TELECOMMUNICATIONS
455/403 RADIOTELEPHONE SYSTEM
455/422.1 .Zoned or cellular telephone system
455/458 ..Specific paging technique

6 455/67.11 (2 OR, 4 XR)
Class 455 : TELECOMMUNICATIONS
455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

455/67.11 .Having measuring, testing, or monitoring of
 system or part

5 342/457 (3 OR, 2 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
342/350 DIRECTIVE
342/450 .Position indicating (e.g., triangulation)
342/457 ..Land vehicle location (e.g., bus, police car)

5 370/310 (3 OR, 2 XR)
Class 370 : MULTIPLEX COMMUNICATIONS
370/310 COMMUNICATION OVER FREE SPACE

5 370/320 (2 OR, 3 XR)
Class 370 : MULTIPLEX COMMUNICATIONS
370/310 COMMUNICATION OVER FREE SPACE
370/315 .Repeater
370/316 ..Airborne or space satellite repeater
370/319 ...Multiple access (e.g., FDMA)
370/320 Code division (CDMA)

5 370/352 (1 OR, 4 XR)
Class 370 : MULTIPLEX COMMUNICATIONS
370/351 PATHFINDING OR ROUTING
370/352 .Combined circuit switching and packet
 switching

5 370/443 (1 OR, 4 XR)
Class 370 : MULTIPLEX COMMUNICATIONS
370/431 CHANNEL ASSIGNMENT TECHNIQUES
370/442 .Combining or distributing information via tim

e

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e.g., TDMA) channels using multiple access technique (

- 370/443 ..Using channel reservation
- 5 370/469 (1 OR, 4 XR)
 - Class 370 : MULTIPLEX COMMUNICATIONS
 - 370/464 COMMUNICATION TECHNIQUES FOR INFORMATION CARRIED IN PLURAL CHANNELS
 - 370/465 .Adaptive
 - 370/469 ..Processing multiple layer protocols
- 5 375/148 (1 OR, 4 XR)
 - Class 375 : PULSE OR DIGITAL COMMUNICATIONS
 - 375/130 SPREAD SPECTRUM
 - 375/140 .Direct sequence
 - 375/147 ..Receiver
 - 375/148 ...Multi-receiver or interference cancellation
- 5 455/427 (2 OR, 3 XR)
 - Class 455 : TELECOMMUNICATIONS
 - 455/403 RADIOTELEPHONE SYSTEM
 - 455/422.1 .Zoned or cellular telephone system
 - 455/427 ..Space satellite
- 5 455/432.1 (2 OR, 3 XR)
 - Class 455 : TELECOMMUNICATIONS
 - 455/403 RADIOTELEPHONE SYSTEM
 - 455/422.1 .Zoned or cellular telephone system
 - 455/432.1 ..Roaming
- 5 455/434 (2 OR, 3 XR)
 - Class 455 : TELECOMMUNICATIONS
 - 455/403 RADIOTELEPHONE SYSTEM
 - 455/422.1 .Zoned or cellular telephone system
 - 455/434 ..Control or access channel scanning
- 5 455/437 (4 OR, 1 XR)
 - Class 455 : TELECOMMUNICATIONS
 - 455/403 RADIOTELEPHONE SYSTEM
 - 455/422.1 .Zoned or cellular telephone system
 - 455/436 ..Handoff
 - 455/437 ...Mobile assisted or initiated
- 5 455/461 (1 OR, 4 XR)
 - Class 455 : TELECOMMUNICATIONS
 - 455/403 RADIOTELEPHONE SYSTEM
 - 455/461 .Including personal numbering system (i.e.,

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or follow-me

intelligent network for subscriber tracking
subscriber feature)

- 5 455/557 (2 OR, 3 XR)
 - Class 455 : TELECOMMUNICATIONS
 - 455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G. TRANSCEIVER)
 - 455/550.1 .Radiotelephone equipment detail
 - 455/557 ..Interface attached device (e.g., interface with modem, facsimile, computer, etc.)
- 4 340/825.49 (0 OR, 4 XR)
 - Class 340 : COMMUNICATIONS: ELECTRICAL
 - 340/825 SELECTIVE
 - 340/825.36 .Having indication or alarm (e.g., location indication)
 - 340/825.49 ..Location indication
- 4 370/230 (1 OR, 3 XR)
 - Class 370 : MULTIPLEX COMMUNICATIONS
 - 370/229 DATA FLOW CONGESTION PREVENTION OR CONTROL
 - 370/230 .Control of data admission to the network
- 4 370/311 (1 OR, 3 XR)
 - Class 370 : MULTIPLEX COMMUNICATIONS
 - 370/310 COMMUNICATION OVER FREE SPACE
 - 370/311 .Signaling for performing battery saving
- 4 370/332 (2 OR, 2 XR)
 - Class 370 : MULTIPLEX COMMUNICATIONS
 - 370/310 COMMUNICATION OVER FREE SPACE
 - 370/328 .Having a plurality of contiguous regions served by respective fixed stations
 - 370/329 ..Channel assignment
 - 370/331 ...Hand-off control
 - 370/332Based upon a particular signal quality measurement
- 4 370/392 (0 OR, 4 XR)
 - Class 370 : MULTIPLEX COMMUNICATIONS
 - 370/351 PATHFINDING OR ROUTING
 - 370/389 .Switching a message which includes an address header
 - 370/392 ..Processing of address header for routing, pe

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- 4 370/437 (1 OR, 3 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/431 CHANNEL ASSIGNMENT TECHNIQUES
 370/437 .Adaptive selection of channel assignment technique
- 4 370/522 (1 OR, 3 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/473 ..Transmission of a single message having multiple packets
 370/498 .Combining or distributing information via tim
 e
 channels
 370/522 ..Signaling (ancillary to main information)
- 4 375/130 (2 OR, 2 XR)
 Class 375 : PULSE OR DIGITAL COMMUNICATIONS
 375/130 SPREAD SPECTRUM
- 4 375/347 (2 OR, 2 XR)
 Class 375 : PULSE OR DIGITAL COMMUNICATIONS
 375/316 RECEIVERS
 375/346 .Interference or noise reduction
 375/347 ..Diversity (frequency or time)
- 4 455/276.1 (1 OR, 3 XR)
 Class 455 : TELECOMMUNICATIONS
 455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY CONVERTER
 455/269 .With wave collector (e.g., antenna)
 455/272 ..Plural separate collectors
 455/276.1 ...With phase shifting, correcting, or
 e collectors
 regulating in the output path of one or mor
- 4 455/424 (2 OR, 2 XR)
 Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/422.1 .Zoned or cellular telephone system
 455/423 ..Diagnostic testing, malfunction indication, or electrical condition measurement
 455/424 ...System equipment
- 4 455/430 (0 OR, 4 XR)
 Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/422.1 .Zoned or cellular telephone system

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455/427 ..Space satellite

455/430 ...Ground station control

4 455/439 (0 OR, 4 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/422.1 .Zoned or cellular telephone system

455/436 ..Handoff

455/439 ...Handoff initiated by another source (e.g.,
target, user initiated, mobile switching ce

nter (MSC), or

mobile telephone switching office (MTSO), e

tc.)

4 455/446 (2 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/422.1 .Zoned or cellular telephone system

455/446 ..Including cell planning or layout

4 455/447 (1 OR, 3 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/422.1 .Zoned or cellular telephone system

455/446 ..Including cell planning or layout

455/447 ...Frequency reuse scheme

4 455/456.1 (0 OR, 4 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/422.1 .Zoned or cellular telephone system

455/456.1 ..Location monitoring

4 455/456.2 (4 OR, 0 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/422.1 .Zoned or cellular telephone system

455/456.1 ..Location monitoring

455/456.2 ...Based on request signal

4 455/456.5 (1 OR, 3 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/422.1 .Zoned or cellular telephone system

455/456.1 ..Location monitoring

455/456.5 ...At system equipment (i.e., base station)

4 455/512 (2 OR, 2 XR)

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Class	455 :	TELECOMMUNICATIONS
455/39		TRANSMITTER AND RECEIVER AT SEPARATE STATIONS
455/500		.Plural transmitters or receivers (i.e., more than two stations)
455/507		..Central station (e.g., master, etc.)
455/509		...Channel allocation
455/512	Based on priority

4 455/553.1 (0 OR, 4 XR)

Class	455 :	TELECOMMUNICATIONS
455/73		TRANSMITTER AND RECEIVER AT SAME STATION (E.G. TRANSCEIVER)
455/550.1		.Radiotelephone equipment detail
455/552.1		..Operable on more than one system
455/553.1		...Radiotelephone having plural transceivers (e.g., for analog and digital, trunking and cellular, etc.)

3 330/149 (1 OR, 2 XR)

Class	330 :	AMPLIFIERS
330/149		HUM OR NOISE OR DISTORTION BUCKING INTRODUCED INTO SIGNAL CHANNEL

3 330/151 (1 OR, 2 XR)

Class	330 :	AMPLIFIERS
330/151		WITH AMPLIFIER BYPASS MEANS (E.G., FORWARD FEED)

3 342/450 (0 OR, 3 XR)

Class	342 :	COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
342/350		DIRECTIVE
342/450		.Position indicating (e.g., triangulation)

3 370/254 (0 OR, 3 XR)

Class	370 :	MULTIPLEX COMMUNICATIONS
370/254		NETWORK CONFIGURATION DETERMINATION

3 370/318 (2 OR, 1 XR)

Class	370 :	MULTIPLEX COMMUNICATIONS
370/310		COMMUNICATION OVER FREE SPACE
370/315		.Repeater
370/316		..Airborne or space satellite repeater
370/317		...Including noise compensation
370/318	Including power control

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- 3 370/321 (1 OR, 2 XR)
 - Class 370 : MULTIPLEX COMMUNICATIONS
 - 370/310 COMMUNICATION OVER FREE SPACE
 - 370/315 .Repeater
 - 370/316 ..Airborne or space satellite repeater
 - 370/319 ...Multiple access (e.g., FDMA)
 - 370/321Time division (TDMA)
- 3 370/333 (0 OR, 3 XR)
 - Class 370 : MULTIPLEX COMMUNICATIONS
 - 370/310 COMMUNICATION OVER FREE SPACE
 - 370/328 .Having a plurality of contiguous regions
served by respective fixed stations
 - 370/329 ..Channel assignment
 - 370/331 ...Hand-off control
 - 370/332Based upon a particular signal quality
measurement
 - 370/333Signal quality determined by bit error
rate
- 3 370/394 (0 OR, 3 XR)
 - Class 370 : MULTIPLEX COMMUNICATIONS
 - 370/351 PATHFINDING OR ROUTING
 - 370/389 .Switching a message which includes an address
header
 - 370/394 ..Sequencing or resequencing of packets to
insure proper output sequence order
- 3 370/395.1 (1 OR, 2 XR)
 - Class 370 : MULTIPLEX COMMUNICATIONS
 - 370/351 PATHFINDING OR ROUTING
 - 370/389 .Switching a message which includes an address
header
 - 370/395.1 ..Message transmitted using fixed length
packets (e.g., ATM cells)
- 3 370/412 (0 OR, 3 XR)
 - Class 370 : MULTIPLEX COMMUNICATIONS
 - 370/351 PATHFINDING OR ROUTING
 - 370/389 .Switching a message which includes an address
header
 - 370/412 ..Queuing arrangement
- 3 370/445 (1 OR, 2 XR)
 - Class 370 : MULTIPLEX COMMUNICATIONS
 - 370/431 CHANNEL ASSIGNMENT TECHNIQUES
 - 370/445 .Carrier sense multiple access (CSMA)

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- 3 370/447 (0 OR, 3 XR)
 - Class 370 : MULTIPLEX COMMUNICATIONS
 - 370/431 CHANNEL ASSIGNMENT TECHNIQUES
 - 370/445 .Carrier sense multiple access (CSMA)
 - 370/447 ..Arbitration for access between contending stations

- 3 370/448 (0 OR, 3 XR)
 - Class 370 : MULTIPLEX COMMUNICATIONS
 - 370/431 CHANNEL ASSIGNMENT TECHNIQUES
 - 370/445 .Carrier sense multiple access (CSMA)
 - 370/447 ..Arbitration for access between contending stations
 - 370/448 ...Using weighted back-off timing

- 3 370/479 (0 OR, 3 XR)
 - Class 370 : MULTIPLEX COMMUNICATIONS
 - 370/473 ..Transmission of a single message having multiple packets
 - 370/479 .Combining or distributing information via code word channels

- 3 370/503 (0 OR, 3 XR)
 - Class 370 : MULTIPLEX COMMUNICATIONS
 - 370/473 ..Transmission of a single message having multiple packets
 - 370/498 .Combining or distributing information via time channels
 - 370/503 ..Synchronizing

- 3 375/132 (2 OR, 1 XR)
 - Class 375 : PULSE OR DIGITAL COMMUNICATIONS
 - 375/130 SPREAD SPECTRUM
 - 375/132 .Frequency hopping

- 3 375/133 (0 OR, 3 XR)
 - Class 375 : PULSE OR DIGITAL COMMUNICATIONS
 - 375/130 SPREAD SPECTRUM
 - 375/132 .Frequency hopping
 - 375/133 ..End-to-end transmission system

- 3 375/150 (0 OR, 3 XR)
 - Class 375 : PULSE OR DIGITAL COMMUNICATIONS
 - 375/130 SPREAD SPECTRUM
 - 375/140 .Direct sequence

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	375/147	..Receiver
	375/150	...Correlation-type receiver
3	375/222	(0 OR, 3 XR)
	Class 375 :	PULSE OR DIGITAL COMMUNICATIONS
	375/219	TRANSCEIVERS
	375/222	.Modems (data sets)
3	375/232	(1 OR, 2 XR)
	Class 375 :	PULSE OR DIGITAL COMMUNICATIONS
	375/229	EQUALIZERS
	375/230	.Automatic
	375/232	..Adaptive
3	375/346	(0 OR, 3 XR)
	Class 375 :	PULSE OR DIGITAL COMMUNICATIONS
	375/316	RECEIVERS
	375/346	.Interference or noise reduction
3	375/349	(0 OR, 3 XR)
	Class 375 :	PULSE OR DIGITAL COMMUNICATIONS
	375/316	RECEIVERS
	375/346	.Interference or noise reduction
	375/349	..Plural signal paths in receiver
3	375/356	(1 OR, 2 XR)
	Class 375 :	PULSE OR DIGITAL COMMUNICATIONS
	375/354	SYNCHRONIZERS
	375/356	.Network synchronizing more than two stations
3	455/12.1	(2 OR, 1 XR)
	Class 455 :	TELECOMMUNICATIONS
	455/7	CARRIER WAVE REPEATER OR RELAY SYSTEM (I.E., RETRANSMISSION OF SAME INFORMATION)
	455/11.1	.Portable or mobile repeater
	455/12.1	..Space satellite
3	455/13.1	(1 OR, 2 XR)
	Class 455 :	TELECOMMUNICATIONS
	455/7	CARRIER WAVE REPEATER OR RELAY SYSTEM (I.E., RETRANSMISSION OF SAME INFORMATION)
	455/11.1	.Portable or mobile repeater
	455/12.1	..Space satellite
	455/13.1	...With plural repeater or relay systems
3	455/137	(0 OR, 3 XR)
	Class 455 :	TELECOMMUNICATIONS .

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455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY
CONVERTER

455/132 .Plural receivers

455/137 ..With output combining

3 455/273 (0 OR, 3 XR)
Class 455 : TELECOMMUNICATIONS

455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY
CONVERTER

455/269 .With wave collector (e.g., antenna)

455/272 ..Plural separate collectors

455/273 ...With particular output combining

3 455/414.1 (2 OR, 1 XR)
Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/414.1 .Special service

3 455/435.1 (0 OR, 3 XR)
Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/422.1 .Zoned or cellular telephone system

455/435.1 ..Registration

3 455/443 (1 OR, 2 XR)
Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/422.1 .Zoned or cellular telephone system

455/436 ..Handoff

455/443 ...Overlapping cells

3 455/452.1 (1 OR, 2 XR)
Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/422.1 .Zoned or cellular telephone system

455/450 ..Channel allocation

455/452.1 ...Dynamic allocation

3 455/453 (1 OR, 2 XR)
Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/422.1 .Zoned or cellular telephone system

455/450 ..Channel allocation

455/453 ...Load balancing

3 455/455 (0 OR, 3 XR)
Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

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- 455/422.1 .Zoned or cellular telephone system
- 455/455 ..Channel seizing

- 3 455/462 (0 OR, 3 XR)
 - Class 455 : TELECOMMUNICATIONS
 - 455/403 RADIOTELEPHONE SYSTEM
 - 455/462 .Including private cordless extension system

- 3 455/515 (1 OR, 2 XR)
 - Class 455 : TELECOMMUNICATIONS
 - 455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

 - 455/500 .Plural transmitters or receivers (i.e., more than two stations)
 - 455/507 ..Central station (e.g., master, etc.)
 - 455/515 ...Control channel monitoring (i.e., paging or access channel signaling) for system access

- 3 455/552.1 (1 OR, 2 XR)
 - Class 455 : TELECOMMUNICATIONS
 - 455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G. TRANSCEIVER)

 - 455/550.1 .Radiotelephone equipment detail
 - 455/552.1 ..Operable on more than one system

- 3 455/554.1 (0 OR, 3 XR)
 - Class 455 : TELECOMMUNICATIONS
 - 455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G. TRANSCEIVER)

 - 455/550.1 .Radiotelephone equipment detail
 - 455/554.1 ..Remote private branch exchange (PBX) with wireless link to landline

- 3 455/574 (2 OR, 1 XR)
 - Class 455 : TELECOMMUNICATIONS
 - 455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G. TRANSCEIVER)

 - 455/550.1 .Radiotelephone equipment detail
 - 455/572 ..Power supply
 - 455/574 ...Power conservation

- 3 455/62 (0 OR, 3 XR)
 - Class 455 : TELECOMMUNICATIONS
 - 455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

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455/62 .Optimum frequency selection

3 455/65 (0 OR, 3 XR)

Class 455 : TELECOMMUNICATIONS

455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

455/63.1 .Distortion, noise, or other interference
prevention, reduction, or compensation

455/65 ..Anti-multipath

3 455/70 (0 OR, 3 XR)

Class 455 : TELECOMMUNICATIONS

455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

455/68 .With control signal

455/70 ..Receiver control signal originates at messag

e

transmitter

3 714/752 (2 OR, 1 XR)

Class 714 : ERROR DETECTION/CORRECTION AND FAULT
DETECTION/RECOVERY

714/699 PULSE OR DATA ERROR HANDLING

714/746 .Digital data error correction

714/752 ..Forward correction by block code

3 714/786 (1 OR, 2 XR)

Class 714 : ERROR DETECTION/CORRECTION AND FAULT
DETECTION/RECOVERY

714/699 PULSE OR DATA ERROR HANDLING

714/746 .Digital data error correction

714/786 ..Forward error correction by tree code (e.g.,
convolutional)

3 725/106 (2 OR, 1 XR)

Class 725 : INTERACTIVE VIDEO DISTRIBUTION SYSTEMS
725/105 VIDEO DISTRIBUTION SYSTEM WITH UPSTREAM
COMMUNICATION

725/106 .Telephony via television distribution network

2 330/124R (0 OR, 2 XR)

Class 330 : AMPLIFIERS

330/124R WITH PLURAL AMPLIFIER CHANNELS (E.G., PARALLEL
AMPLIFIER CHANNELS)

2 330/52 (1 OR, 1 XR)

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Class 330 : AMPLIFIERS
330/52 WITH PILOT FREQUENCY CONTROL MEANS

2 340/7.27 (1 OR, 1 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/825 SELECTIVE
340/825.36 .Having indication or alarm (e.g., location
indication)
340/7.2 ..Code responsive (i.e., paging)
340/7.24 ...Transmitting configuration
340/7.25Multiple transmitters
340/7.27Zoned

2 340/7.34 (0 OR, 2 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/825 SELECTIVE
340/825.36 .Having indication or alarm (e.g., location
indication)
340/7.2 ..Code responsive (i.e., paging)
340/7.32 ...Power control or battery saving
340/7.33Based on received signal
340/7.34Frame based timing

2 340/825.52 (0 OR, 2 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/825 SELECTIVE
340/825.52 .Addressing

2 342/358 (0 OR, 2 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/350 DIRECTIVE
342/352 .Including a satellite
342/358 ..With satellite signal correction

2 342/373 (1 OR, 1 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/350 DIRECTIVE
342/368 .Including a steerable array
342/373 ..With a matrix

2 342/463 (0 OR, 2 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/350 DIRECTIVE
342/450 .Position indicating (e.g., triangulation)
342/463 ..Having plural transmitters or receivers

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2 370/209      (1 OR, 1 XR)
    Class 370 : MULTIPLEX COMMUNICATIONS
    370/203    GENERALIZED ORTHOGONAL OR SPECIAL MATHEMATICAL
                  TECHNIQUES
    370/208    .Particular set of orthogonal functions
    370/209    ..Walsh functions

2 370/216      (2 OR, 0 XR)
    Class 370 : MULTIPLEX COMMUNICATIONS
    370/216    FAULT RECOVERY

2 370/236      (1 OR, 1 XR)
    Class 370 : MULTIPLEX COMMUNICATIONS
    370/229    DATA FLOW CONGESTION PREVENTION OR CONTROL
    370/235    .Flow control of data transmission through a
                  network
    370/236    ..Including signaling between network elements

2 370/280      (0 OR, 2 XR)
    Class 370 : MULTIPLEX COMMUNICATIONS
    370/276    DUPLEX
    370/277    .Communication over free space
    370/280    ..Time division

2 370/310.1    (1 OR, 1 XR)
    Class 370 : MULTIPLEX COMMUNICATIONS
    370/310    COMMUNICATION OVER FREE SPACE
    370/310.1  .Using ATM as a wireles protocol

2 370/310.2    (2 OR, 0 XR)
    Class 370 : MULTIPLEX COMMUNICATIONS
    370/310    COMMUNICATION OVER FREE SPACE
    370/310.1  .Using ATM as a wireles protocol
    370/310.2  ..Having a plurality of contiguous regions
                  served by respective fixed stations

2 370/312      (1 OR, 1 XR)
    Class 370 : MULTIPLEX COMMUNICATIONS
    370/310    COMMUNICATION OVER FREE SPACE
    370/312    .Message addressed to multiple destinations

2 370/315      (2 OR, 0 XR)
    Class 370 : MULTIPLEX COMMUNICATIONS
    370/310    COMMUNICATION OVER FREE SPACE
    370/315    .Repeater

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2 370/330 (0 OR, 2 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/310 COMMUNICATION OVER FREE SPACE
 370/328 .Having a plurality of contiguous regions
 served by respective fixed stations
 370/329 ..Channel assignment
 370/330 ...Having both time and frequency assignment

2 370/334 (1 OR, 1 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/310 COMMUNICATION OVER FREE SPACE
 370/328 .Having a plurality of contiguous regions
 served by respective fixed stations
 370/329 ..Channel assignment
 370/331 ...Hand-off control
 370/332Based upon a particular signal quality
 measurement
 370/334Using multiple antennas at a station

2 370/341 (0 OR, 2 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/310 COMMUNICATION OVER FREE SPACE
 370/340 .Using trunking
 370/341 ..Channel assignment

2 370/345 (0 OR, 2 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/310 COMMUNICATION OVER FREE SPACE
 370/345 .Combining or distributing information via tim
 e
 channels

2 370/346 (1 OR, 1 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/310 COMMUNICATION OVER FREE SPACE
 370/345 .Combining or distributing information via tim
 e
 channels
 370/346 ..Polling

2 370/348 (2 OR, 0 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/310 COMMUNICATION OVER FREE SPACE
 370/345 .Combining or distributing information via tim
 e
 channels
 370/347 ..Multiple access (e.g., TDMA)
 370/348 ...Channel reservation scheme

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2  370/353      (1 OR, 1 XR)
    Class 370 : MULTIPLEX COMMUNICATIONS
    370/351    PATHFINDING OR ROUTING
    370/352    .Combined circuit switching and packet
                switching
    370/353    ..Switching network having common elements to
                handle both circuit switched traffic and pa
cket switched
                traffic

2  370/389      (1 OR, 1 XR)
    Class 370 : MULTIPLEX COMMUNICATIONS
    370/351    PATHFINDING OR ROUTING
    370/389    .Switching a message which includes an address
                header

2  370/395.31   (0 OR, 2 XR)
    Class 370 : MULTIPLEX COMMUNICATIONS
    370/351    PATHFINDING OR ROUTING
    370/389    .Switching a message which includes an address
                header
    370/395.1  ..Message transmitted using fixed length
                packets (e.g., ATM cells)
    370/395.3  ...Connection identifier assignment
    370/395.31 ....Including routing table

2  370/397      (0 OR, 2 XR)
    Class 370 : MULTIPLEX COMMUNICATIONS
    370/351    PATHFINDING OR ROUTING
    370/389    .Switching a message which includes an address
                header
    370/395.1  ..Message transmitted using fixed length
                packets (e.g., ATM cells)
    370/396    ...Distributed switching
    370/397    ....Employing logical addressing for routing
                (e.g., VP or VC)

2  370/404      (1 OR, 1 XR)
    Class 370 : MULTIPLEX COMMUNICATIONS
    370/351    PATHFINDING OR ROUTING
    370/389    .Switching a message which includes an address
                header
    370/400    ..Having a plurality of nodes performing
                distributed switching
    370/401    ...Bridge or gateway between networks
    370/402    ....Bridge between bus systems
    370/403    .....At least one bus is a ring network

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370/404Ring or loop forms backbone for
interconnecting other networks

2 370/432 (1 OR, 1 XR)
Class 370 : MULTIPLEX COMMUNICATIONS
370/431 CHANNEL ASSIGNMENT TECHNIQUES
370/432 .Messages addressed to multiple destinations

2 370/438 (1 OR, 1 XR)
Class 370 : MULTIPLEX COMMUNICATIONS
370/431 CHANNEL ASSIGNMENT TECHNIQUES
370/438 .Using a separate control line or bus for
access control

2 370/462 (0 OR, 2 XR)
Class 370 : MULTIPLEX COMMUNICATIONS
370/431 CHANNEL ASSIGNMENT TECHNIQUES
370/462 .Arbitration for access to a channel

2 370/463 (0 OR, 2 XR)
Class 370 : MULTIPLEX COMMUNICATIONS
370/431 CHANNEL ASSIGNMENT TECHNIQUES
370/463 .Details of circuit or interface for connectin

g

user to the network

2 370/470 (0 OR, 2 XR)
Class 370 : MULTIPLEX COMMUNICATIONS
370/464 COMMUNICATION TECHNIQUES FOR INFORMATION
CARRIED IN PLURAL CHANNELS
370/465 .Adaptive
370/470 ..Frame length

2 370/473 (1 OR, 1 XR)
Class 370 : MULTIPLEX COMMUNICATIONS
370/464 COMMUNICATION TECHNIQUES FOR INFORMATION
CARRIED IN PLURAL CHANNELS
370/465 .Adaptive
370/473 ..Transmission of a single message having
multiple packets

2 370/477 (0 OR, 2 XR)
Class 370 : MULTIPLEX COMMUNICATIONS
370/473 ..Transmission of a single message having
multiple packets
370/477 .Transmission bandwidth conservation

2 370/486 (0 OR, 2 XR)

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Class 370 : MULTIPLEX COMMUNICATIONS

370/473 ..Transmission of a single message having multiple packets

370/480 .Combining or distributing information via frequency channels

370/485 ..Subscriber carrier

370/486 ...Program distribution

2 375/144 (0 OR, 2 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/130 SPREAD SPECTRUM

375/140 .Direct sequence

375/141 ..End-to-end transmission system

375/144 ...Having multi-receiver or interference cancellation

2 375/146 (0 OR, 2 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/130 SPREAD SPECTRUM

375/140 .Direct sequence

375/146 ..Transmitter

2 375/149 (0 OR, 2 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/130 SPREAD SPECTRUM

375/140 .Direct sequence

375/147 ..Receiver

375/149 ...Having specific code synchronization

2 375/231 (0 OR, 2 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/229 EQUALIZERS

375/230 .Automatic

375/231 ..Training period or initial set up

2 375/233 (1 OR, 1 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/229 EQUALIZERS

375/230 .Automatic

375/232 ..Adaptive

375/233 ...Decision feedback equalizer

2 375/261 (1 OR, 1 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/259 SYSTEMS USING ALTERNATING OR PULSATING CURRENT

375/260 .Plural channels for transmission of a single pulse train

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375/261 ..Quadrature amplitude modulation

2 375/267 (0 OR, 2 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/259 SYSTEMS USING ALTERNATING OR PULSATING CURRENT

375/260 .Plural channels for transmission of a single pulse train

375/267 ..Diversity

2 375/295 (0 OR, 2 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/295 TRANSMITTERS

2 375/298 (0 OR, 2 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/295 TRANSMITTERS

375/298 ..Quadrature amplitude modulation

2 375/340 (2 OR, 0 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/316 RECEIVERS

375/340 .Particular pulse demodulator or detector

2 375/341 (1 OR, 1 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/316 RECEIVERS

375/340 .Particular pulse demodulator or detector

375/341 ..Maximum likelihood decoder or viterbi decode

r

2 375/345 (0 OR, 2 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/316 RECEIVERS

375/345 .Automatic gain control

2 375/348 (0 OR, 2 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/316 RECEIVERS

375/346 .Interference or noise reduction

375/348 ..Intersymbol interference

2 375/365 (0 OR, 2 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/354 SYNCHRONIZERS

375/362 .Frequency or phase control using synchronizin

g

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signal

375/365 ..Synchronization word

2 375/367 (1 OR, 1 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/354 SYNCHRONIZERS

375/362 .Frequency or phase control using synchronizin

g

signal

375/365 ..Synchronization word

375/367 ...Pseudo noise

2 380/247 (1 OR, 1 XR)

Class 380 : CRYPTOGRAPHY

380/247 CELLULAR TELEPHONE CRYPTOGRAPHIC AUTHENTICATIO

N

2 398/118 (0 OR, 2 XR)

Class 398 : OPTICAL COMMUNICATIONS

398/118 OPTICAL COMMUNICATION OVER FREE SPACE

2 455/101 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS

455/91 TRANSMITTER

455/101 .Diversity

2 455/103 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS

455/91 TRANSMITTER

455/103 .Plural separate transmitters or channels

2 455/126 (1 OR, 1 XR)

Class 455 : TELECOMMUNICATIONS

455/91 TRANSMITTER

455/126 .With feedback of modulated output signal

2 455/277.1 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS

455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY
CONVERTER

455/269 .With wave collector (e.g., antenna)

455/272 ..Plural separate collectors

455/277.1 ...Selectively or alternately connected to
receiver

2 455/279.1 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS

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455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY
 CONVERTER

455/269 .With wave collector (e.g., antenna)

455/272 ..Plural separate collectors

455/278.1 ...Combined with noise or interference
 elimination

455/279.1 Plural antenna currents entering single
 transformer

2 455/3.01 (0 OR, 2 XR)
 Class 455 : TELECOMMUNICATIONS
 455/3.01 WIRELESS DISTRIBUTION SYSTEM

2 455/411 (0 OR, 2 XR)
 Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/410 .Security or fraud prevention
 455/411 ..Privacy, lock-out, or authentication

2 455/412.1 (1 OR, 1 XR)
 Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/412.1 ..Message storage or retrieval

2 455/417 (0 OR, 2 XR)
 Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/414.1 ..Special service
 455/417 ..Call diversion

2 455/419 (2 OR, 0 XR)
 Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/418 ..Programming control
 455/419 ..Remote programming control

2 455/425 (1 OR, 1 XR)
 Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/422.1 ..Zoned or cellular telephone system
 455/423 ..Diagnostic testing, malfunction indication,
 or electrical condition measurement
 455/425 ...Subscriber equipment

2 455/426.2 (0 OR, 2 XR)
 Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/422.1 ..Zoned or cellular telephone system

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455/426.2 ..Wireless service for fixed premises equipment
 (e.g., Wireless Local Loop (WLL) Telco emulator, etc.)

2 455/428 (1 OR, 1 XR)

Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/422.1 .Zoned or cellular telephone system
 455/427 ..Space satellite
 455/428 ...Switching or routing

2 455/429 (1 OR, 1 XR)

Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/422.1 .Zoned or cellular telephone system
 455/427 ..Space satellite
 455/429 ...Cell projection

2 455/438 (1 OR, 1 XR)

Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/422.1 .Zoned or cellular telephone system
 455/436 ..Handoff
 455/438 ...Serving site initiated

2 455/440 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/422.1 .Zoned or cellular telephone system
 455/436 ..Handoff
 455/440 ...Based upon unit location

2 455/444 (1 OR, 1 XR)

Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/422.1 .Zoned or cellular telephone system
 455/436 ..Handoff
 455/444 ...Between macro and micro cells

2 455/502 (1 OR, 1 XR)

Class 455 : TELECOMMUNICATIONS
 455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS
 455/500 .Plural transmitters or receivers (i.e., more than two stations)
 455/501 ..Noise, distortion, or singing reduction
 455/502 ...Synchronized stations

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2  455/506      (0 OR, 2 XR)
      Class 455 : TELECOMMUNICATIONS
      455/39      TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

      455/500      .Plural transmitters or receivers (i.e., more
                    than two stations)
      455/501      ..Noise, distortion, or singing reduction
      455/504      ...Fading compensation
      455/506      ....Rayleigh or multipath fading

2  455/511      (0 OR, 2 XR)
      Class 455 : TELECOMMUNICATIONS
      455/39      TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

      455/500      .Plural transmitters or receivers (i.e., more
                    than two stations)
      455/507      ..Central station (e.g., master, etc.)
      455/509      ...Channel allocation
      455/511      ....Control channel/voice channel conversion

2  455/518      (0 OR, 2 XR)
      Class 455 : TELECOMMUNICATIONS
      455/39      TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

      455/500      .Plural transmitters or receivers (i.e., more
                    than two stations)
      455/507      ..Central station (e.g., master, etc.)
      455/517      ...To or from mobile station
      455/518      ....Having talk group

2  455/524      (0 OR, 2 XR)
      Class 455 : TELECOMMUNICATIONS
      455/39      TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

      455/500      .Plural transmitters or receivers (i.e., more
                    than two stations)
      455/507      ..Central station (e.g., master, etc.)
      455/517      ...To or from mobile station
      455/524      ....Multiple base stations

2  455/525      (0 OR, 2 XR)
      Class 455 : TELECOMMUNICATIONS
      455/39      TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

      455/500      .Plural transmitters or receivers (i.e., more
                    than two stations)
      455/507      ..Central station (e.g., master, etc.)

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455/517 ...To or from mobile station
 455/524Multiple base stations
 455/525Base station selection

2 455/554.2 (1 OR, 1 XR)

Class 455 : TELECOMMUNICATIONS

455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.

TRANSCEIVER)

455/550.1 .Radiotelephone equipment detail

455/554.2 ..Equipment detail for providing wireless link
 to fixed equipment (e.g., WLL, Telco emulat

or, etc.)

2 455/555 (2 OR, 0 XR)

Class 455 : TELECOMMUNICATIONS

455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.

TRANSCEIVER)

455/550.1 .Radiotelephone equipment detail

455/555 ..Wireless private branch exchange (PBX) (i.e.

wireless link to extension unit)

2 455/566 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS

455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.

TRANSCEIVER)

455/550.1 .Radiotelephone equipment detail

455/566 ..Having display

2 455/63.2 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS

455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

455/63.1 .Distortion, noise, or other interference
 prevention, reduction, or compensation

455/63.2 ..System with hierarchical coverage areas

2 455/67.7 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS

455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

455/67.11 .Having measuring, testing, or monitoring of
 system or part

455/67.7 ..With indication (e.g., visual or voice
 signalling, etc.)

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2 708/323 (0 OR, 2 XR)

Class 708 : ELECTRICAL COMPUTERS: ARITHMETIC PROCESSING
AND CALCULATING

708/100 ELECTRICAL DIGITAL CALCULATING COMPUTER

708/200 .Particular function performed

708/300 ..Filtering

708/322 ...Adaptive

708/323Equalizer

2 709/228 (1 OR, 1 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING

709/227 .Computer-to-computer session/connection
establishing

709/228 ..Session/connection parameter setting

2 714/704 (1 OR, 1 XR)

Class 714 : ERROR DETECTION/CORRECTION AND FAULT
DETECTION/RECOVERY

714/699 PULSE OR DATA ERROR HANDLING

714/704 .Error count or rate

2 714/748 (1 OR, 1 XR)

Class 714 : ERROR DETECTION/CORRECTION AND FAULT
DETECTION/RECOVERY

714/699 PULSE OR DATA ERROR HANDLING

714/746 .Digital data error correction

714/748 ..Request for retransmission

2 714/751 (0 OR, 2 XR)

Class 714 : ERROR DETECTION/CORRECTION AND FAULT
DETECTION/RECOVERY

714/699 PULSE OR DATA ERROR HANDLING

714/746 .Digital data error correction

714/748 ..Request for retransmission

714/751 ...Including forward error correction
capability

2 714/761 (0 OR, 2 XR)

Class 714 : ERROR DETECTION/CORRECTION AND FAULT
DETECTION/RECOVERY

714/699 PULSE OR DATA ERROR HANDLING

714/746 .Digital data error correction

714/752 ..Forward correction by block code

714/761 ...Random and burst error correction

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- 2 714/774 (2 OR, 0 XR)
 - Class 714 : ERROR DETECTION/CORRECTION AND FAULT
DETECTION/RECOVERY
 - 714/699 PULSE OR DATA ERROR HANDLING
 - 714/746 .Digital data error correction
 - 714/752 ..Forward correction by block code
 - 714/774 ...Adaptive error-correcting capability

- 2 725/123 (0 OR, 2 XR)
 - Class 725 : INTERACTIVE VIDEO DISTRIBUTION SYSTEMS
 - 725/105 VIDEO DISTRIBUTION SYSTEM WITH UPSTREAM
COMMUNICATION
 - 725/118 .Transmission network
 - 725/121 ..Return path
 - 725/123 ...Wireless return path

- 2 725/126 (0 OR, 2 XR)
 - Class 725 : INTERACTIVE VIDEO DISTRIBUTION SYSTEMS
 - 725/105 VIDEO DISTRIBUTION SYSTEM WITH UPSTREAM
COMMUNICATION
 - 725/118 .Transmission network
 - 725/126 ..Detail of use of two-way spectrum

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PLUS Search Results for S/N 10747734, Searched November 12, 2004

The Patent Linguistics Utility System (PLUS) is a USPTO automated search

system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are

most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

6788959	5715526	5745480	5867763	6131034	5652751
6400695	5758288	5920815	5884184	6137784	5696699
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6795689	6456608	6405020	6108385	6615382	5666654
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5754533	6138025	6765891	5300894	5638422	5687171
6574668	6230005	5771459	5878036	5706274	5734967
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6311056	6035178	6456826	5260989	6363062	5265092
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5926747	5729680	5826186	5570412	6434113	5349630
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10747734 LIST

5758090	6023459	6711147	5610554	6512747	5490165
5802110	6128287	6058107	5708655	6678854	5511098
5528597	6192055	6718162	5751250	6781999	5546429
5715516	6556582	6366569	5805576	6788656	5577265
5722051	6608828	6370385	5844522	5278892	5598404
5774461	5457680	6414947	5889768	5793762	5603096
5828677	6167259	6430413	5914944	5887022	5613193
5940454	5945949	6717925	5943327	5257265	5623485
6208620	6684081	6222832	5949790	5424692	5625876
5508707	6731623	6222832	5966642	5898924	5673259
5568482	6765890	5586121	5978362	6131030	5682602
5579374	5751774	5799010	6041241	5210753	5687198
5600706	6144855	5828655	6044265	5384777	5712868
5602903	5200954	5839052	6081706	5515509	5729557
5696760	5673308	5844885	6112058	5612991	5886987